

ABSTRACT

When the routing function of the present default router (11) becomes disabled, a routing stop message is multicast to all terminals (13) and other router (12) in a LAN. If another router (12) can provide the routing function, a routing start message is multicast to all terminals (13) and the other router (11) in the LAN. This method allows the terminals (13) in the LAN to switch the default router at a predetermined timing according to both messages, thus minimizing the default router switching delay time and the packet loss.